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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/519,906	02/04/2005	Alexandre Cury Schmid	04304/0202236-USO	2918
7278	7590	07/03/2007	EXAMINER	
DARBY & DARBY P.C.			NALVEN, EMILY IRIS	
P.O. BOX 770			ART UNIT	
Church Street Station			PAPER NUMBER	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/519,906

Applicant(s)

SCHMID ET AL.

Examiner

Emily I. Nalven

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>Dec. 28, 2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1-7** are rejected under 35 U.S.C. 102(b) as being anticipated by Mandel et. al. (US Patent No. 5,911,750).

In regard to claim 1, Mandel et. al. teach an air distribution system (col 3 lines 26-28) for combined refrigerators (40) of the types which comprises a freezing compartment (62) (col 3 lines 66-67 and see Fig. 3) and a refrigerating compartment (63) (col 4 lines 3-4 and see Fig. 3), an air-cooling compartment (ACC, see annotated Fig. 3 below) lodging at least one evaporator (118) (see Fig. 3 and col 4 lines 22-23), a distributing duct (131) having a rear window (127) (col 4 lines 42-44) opened to the air-cooling compartment ((ACC, see annotated Fig. 3 below), at least one front opening (89) communicating with the freezing compartment (62) (col 3 lines 64-67). The front opening (89) allows a user to enter the freezing compartment (62) for maintenance or regular usage and the term “communicating” is interpreted to mean that the front opening (89) entrance leads to the location of the cool air contained in the freezing compartment (62).

Mandel et. al. also teach one end (139) opening maintained in communication with the refrigerating compartment (63) (see Fig. 3), and at least one fan (117) producing a forced airflow from the air-cooling compartment (ACC, see annotated Fig. 3 below) to the freezing compartment (62) and to the refrigerating compartment (63) (see Fig. 3 and col 4 lines 23-26), characterized in that the distributing duct (131) carries a conduct (CON, see annotated Fig. 3 below) having a first end (side further from fan 117) coupled to the end opening of the distributing duct (131) (see Fig. 3) and a second end (side closest to fan 117) selectively placed in fluid communication with one of the parts (121) defined by the distributing duct (131) and by the air-cooling compartment (ACC, see annotated Fig. 3 below) (col 4 lines 29-34 and see Fig. 3), said conduct being internal to the distributing duct (131) (see Fig. 3).

In regard to claim 2, Mandel et. al. teach the air distribution system characterized in that the conduct (CON, see annotated Fig. 3 below) is incorporated to the distributing duct (131) (see Fig. 3). It is interpreted that the term "incorporated" means the distributing duct (131) and conduct (CON) are placed side by side in the same air-cooling compartment (ACC).

In regard to claim 3, Mandel et. al. teach the air distribution system characterized in that the distributing duct (131) comprises a rear basic portion (78) (see Fig. 2 and col 5 lines 36-39) in the form of a vertically

disposed tray (154) having a rear wall (50) provided with a rear window (185) (see Fig. 3 and col 5 lines 55-56) and defining at least part of a front wall (61) of the air-cooling compartment (ACC, see annotated Fig. 3 below) and a front cover portion (64, 65) to be seated and affixed against the rear basic portion (78) and being provided with at least one front opening (101) (see Fig. 3 and col 3 lines 42-44).

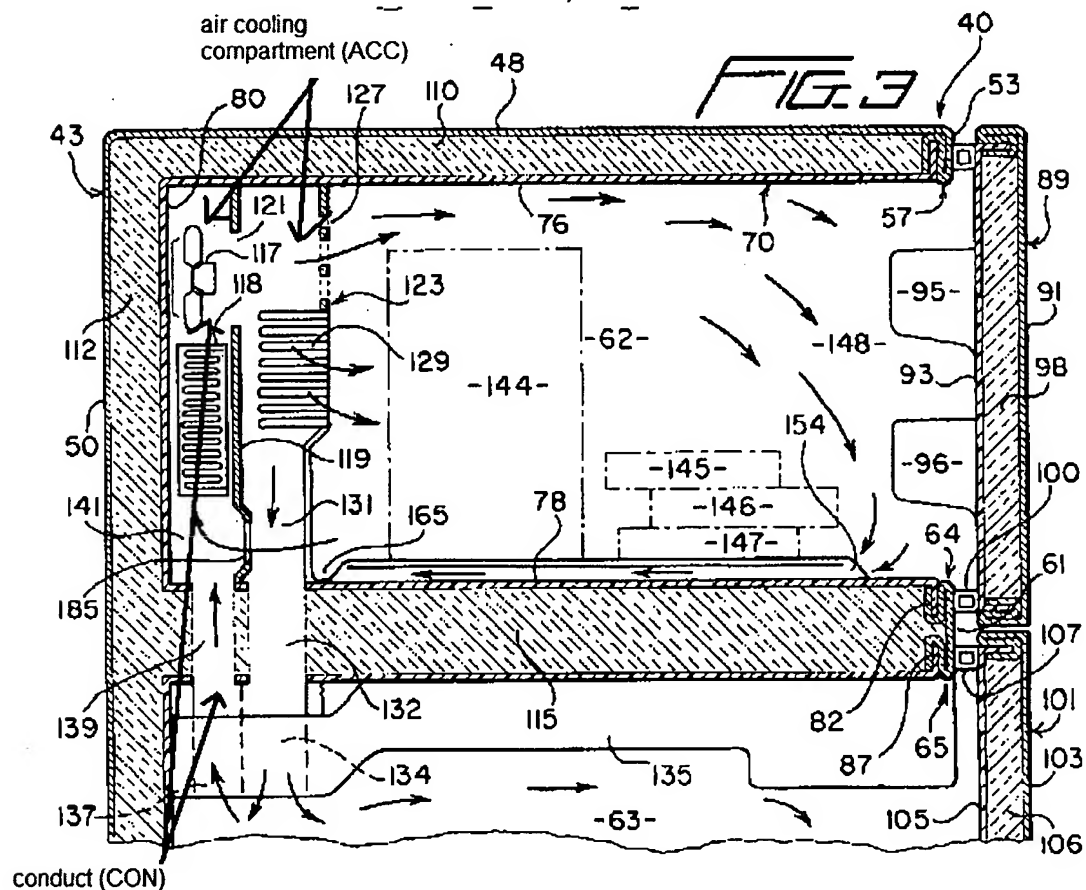
In regard to claim 4, Mandel et. al. teach the air distribution system characterized in that the front cover portion (89) defines a wall portion of the conduct (CON, see annotated Fig. 3 below) when assembled (see Fig. 3).

In regard to claim 5, Mandel et. al. teach the air distribution system characterized in that the conduct (CON, see annotated Fig. 3 below) is maintained in selective fluid communication with one of the parts (118) defined by the distributing duct (131) and by the air-cooling compartment (ACC, see annotated Fig. 3 below) by means of respective front opening (89, 101) and rear opening (134) produced by the rupture of corresponding wall portions of the conduct (CON) (see annotated Fig. 3 below).

In regard to claim 6, Mandel et. al. teach the air distribution system characterized in that the conduct (CON, see annotated Fig. 3 below) conducts a forced airflow supplied through the inlet (132) opening coming from the distributing duct (131) to whose rear window (127) is operatively associated a fan (117) (see Fig. 3 and col 4 lines 54-56).

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In regard to claim 7, Mandel et. al. teach the air distribution system characterized in that the conduct (CON, see annotated Fig. 3 below) conducts a forced airflow which is produced by a fan (117) that is operatively associated to the end opening (132) and to the refrigerating compartment (63) and which is supplied by the air-cooling compartment (ACC, see annotated Fig. 3 below) to the conduct through the rear opening (134) (see Fig. 3).



Conclusion

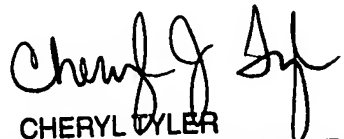
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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emily Iris Nalven whose telephone number is 571-272-3045. The examiner can normally be reached on Monday - Thursday 8 AM - 5:30 PM and on alternate Fridays 8 AM – 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisors, Cheryl J. Tyler can be reached on 571-272-4834 or Frantz Jules can be reached on 571-272-6681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Emily Iris Nalven
Examiner
Art Unit 3744
June 21, 2007


CHERYL TYLER
SUPERVISORY PATENT EXAMINER